

WEST

Generate Collection

L10: Entry 12 of 13

File: DWPI

Nov 26, 1986

DERWENT-ACC-NO: 1987-087122
DERWENT-WEEK: 198713
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TITLE: Dissolution of filter cakes contg. cellulose derivs. - by treating with cellulase soln.

INVENTOR: BUTTNER, G; STRUTZBERG, K

PATENT-ASSIGNEE:

ASSIGNEE	CODE
VEB BRAUNK SCHACHTB	BRAUN

PRIORITY-DATA: 1985DD-0280788 (September 19, 1985)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DD 241102 A	November 26, 1986		002	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
DD 241102A	September 19, 1985	1985DD-0280788	

INT-CL (IPC): E21B 43/01

ABSTRACTED-PUB-NO: DD 241102A

BASIC-ABSTRACT:

Dissolution of filter cakes contg. up to 10% of a cellulose deriv. is effected by contacting with a soln. contg. up to 20% cellulose at 60 deg. C and pH 4-6.

USE/ADVANTAGE - The process is esp. for cleaning out well bores after drilling with muds contg. cellulose derivs. such as carboxymethyl cellulose (CMC) or hydroxyethyl cellulose (HEC). The process avoids use of expensive flushing fluids and produces a significant increase in permeability.

In an example, a filter cake produced by filtering a 3% CMC soln. was flushed with a 10% cellulose soln., resulting in a significant difference in water filtration rate.

CHOSEN-DRAWING: Dwg. 0/0

TITLE-TERMS: DISSOLVE FILTER CAKE CONTAIN CELLULOSE DERIVATIVE TREAT CELLULASE SOLUTION

DERWENT-CLASS: A11 A97 D16 H01 Q49

CPI-CODES: A03-A01; A10-E05; A11-C; A12-W10A; D05-A02C; D06-H; H01-C10;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 1974 3198 3200 1995 2198 2201 2404 2506 3302

Multipunch Codes: 014 04- 231 236 240 252 359 398 426 52& 54& 59& 646 726

WEST**End of Result Set****Generate Collection**

L14: Entry 30 of 30

File: DWPI

Nov 2, 1976

DERWENT-ACC-NO: 1976-95161X

DERWENT-WEEK: 197651

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TITLE: Removing contaminating material from filter membranes - by treating with chelating and complexing agent and with (enzyme) surfactant

PATENT-ASSIGNEE:

ASSIGNEE

CODE

EBARA INFILCO KK

EBAI

PRIORITY-DATA: 1974JP-0133355 (November 19, 1974)

PATENT-FAMILY:

PUB-NO

PUB-DATE

LANGUAGE

PAGES

MAIN-IPC

JP 51125959 A

November 2, 1976

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INT-CL (IPC): B01D 13/00; C02C 5/02; C07C 55/24; C07C 87/16; C07G 7/02; C11D 1/00

ABSTRACTED-PUB-NO: JP51125959A

BASIC-ABSTRACT:

A contaminated permeable membrane is treated by initially washing the surface of the membrane with a chemical liquor contg. >=1 chelating agent, and a complexing agent (citric acid, tartaric acid, oxalic acid) (salts), alginic acid (salt), tannic acid (salt) and acrylamide); and subsequently washing the surface with a detergent soln. contg. a surfactant and/or an enzyme (propease, pepsinase, amylase, cellulase and lypase etc.), after removal of the chemical liquor. The surface is then opt. washed with a mineral acid (HCl, H₂SO₄) or an organic acid (citric acid, tartaric acid, oxalic acid, acetic acid etc.).

TITLE-TERMS: REMOVE CONTAMINATE MATERIAL FILTER MEMBRANE TREAT CHELATE COMPLEX AGENT ENZYME SURFACTANT

DERWENT-CLASS: J01

CPI-CODES: J01-C03;